

Serial No.: 10/064,293
Attorney Docket No.: F-533

Patent

Amendment To The Claims

Please amend the claims as follows:

1. (currently amended) A method for selecting an external processor as a user interface to a machine comprising:
 - accessing control grid position information for the machine;
 - obtaining position information for the external processor; and
 - using the control grid position information and the external processor position information in determining whether an external processor is in the control grid of a machine,
 - wherein the machine is located in a space that includes a floor that can be referenced in dimensional coordinates and the control grid corresponds to a defined area of the floor that is a subset of the space.
2. (currently amended) The method of claim 1 wherein:
 - the determination of whether an external processor is in the control grid is used to make a control transfer decision, wherein the user interface control of the machine is transferred to the external processor.
3. (currently amended) The method of claim 1 further comprising:
 - obtaining cryptographic authentication information for an external processor.
4. (original) The method of claim 3 wherein:
 - the determination of whether an external processor is in the control grid and the authentication information is used to make a control transfer decision.
5. (original) The method of claim 4 wherein:

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the authentication information is obtained from a user of the external processor.

6. (original) The method of claim 4 wherein:
the authentication information is obtained from a user of the external processor and includes biometric information.
7. (original) The method of claim 1 further comprising:
accessing control grid position information for a second machine;
obtaining position information for a second external processor; and
using the control grid position information and the external processor position information in determining whether to give priority of control to the external processor or the second external processor.
8. (original) The method of claim 7 further comprising:
obtaining hierarchal priority information for the external processor and the second external processor; and
using the hierarchal priority information in determining whether to give priority of control to the external processor or the second external processor.
9. (previously amended) The method of claim 1 further comprising:
downloading user interface logic data to the external processor.
10. (original) The method of claim 1 further comprising:
obtaining updated position information for the external processor; and
using the updated position information in determining whether to maintain external processor control of the machine.
11. (currently amended) A method for manipulating a file comprising:

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selecting a file with a portable processor using a wireless communications channel; and

selecting a machine to process the file using position information relating to the portable processor,

control grid position information and the external processor position information in determining whether an external processor is in the control grid of a machine,

wherein the machine is located in a space that includes a floor that can be referenced in dimensional coordinates and the control grid corresponds to a defined area of the floor that is a subset of the space.

12. (original) The method of claim 11, further comprising:
downloading the file to the portable processor.

13. (original) The method of claim 11 further comprising:
selecting a second machine to process at least a portion of the file using position information relating to the portable processor.

14. (original) The method of claim 11 further comprising:
selecting a first machine to process a portion of the file using position information relating to the portable processor; and
selecting a second machine to process a second portion of the file using position information relating to the portable processor.

15. (currently amended) A system for selecting an external processor as a user interface to a machine comprising:
means for determining control grid position information for the machine;
means for obtaining position information for the external processor; and

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processing means for using the control grid position information and the external processor position information in determining whether an external processor is in the control grid of a machine, wherein the machine is located in a space that includes a floor that can be referenced in dimensional coordinates and the control grid corresponds to a defined area of the floor that is a subset of the space.

16. (currently amended) A system for selecting an external processor as a user interface to a machine comprising:

a processor;

a control grid position map data base information for at least one machine connected to the processor;

a position information receiver for obtaining position information data for an external processor; and

a processor having processing instructions for using the control grid position map database and the external processor position information in determining whether an external processor is in the control grid of a machine, wherein the machine is located in a space that includes a floor that can be referenced in dimensional coordinates and the control grid corresponds to a defined area of the floor that is a subset of the space.

17. (previously amended) The system of claim 16 wherein:

the receiver for obtaining position information is an indoor positioning system receiver.

18. (previously amended) The system of claim 17 wherein:

the indoor positioning system provides relative position data relative to a reference point.

19. (previously amended) The system of claim 17 wherein:

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the indoor positioning system provides absolute latitude and longitude data.

20. (previously presented) The method of claim 9 further comprising:
obtaining a second grid information for a group of machines including the machine; and
downloading user interface logic data to the external processor when the external processor enters the second grid.
21. (previously presented) The system of claim 15 wherein the means for obtaining position information comprises an indoor electromagnetic wave positioning system.
22. (previously presented) The system of claim 15 wherein the means for obtaining position information comprises an ultrasonic positioning system.